

OCT 9 2002

# STATE OF ALASKA

## DEPT. OF ENVIRONMENTAL CONSERVATION

### FACILITY CONTRUCTION & OPERATION VILLAGE SAFE WATER

**TONY KNOWLES, GOVERNOR**

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October 8, 2002

Krag Johnsen, Project Manager  
510 "L" Street, Suite 410  
Anchorage, AK 99501

Subject: Sleetmute Washeteria, Project No. 0069-DC-2002-I22,  
October 2002 Quarterly Report

Dear Mr. Johnsen,

Progress on the Sleetmute Washeteria is on schedule. Fortunately, material and equipment arrived on the last barge in late September so work can proceed this fall and winter.

Thanks for expediting the initial payment request. The Denali funds are in a non-interest bearing account. Another request is anticipated in the next couple of weeks as expenditures through 9/30/02 (\$143,013) have exceeded the initial draw.

Consultant personnel are taking photographs of the work. Before and after photos of the work will be available at the end of the work.

If you have any questions, please call me.

Best Regards,

Doug Poage, P.E.  
Village Safe Water Program

CC. Ken Collison, Kurt Egelhofer

**Quarterly Report**  
**Sleetmute Washeteria Design/Build**  
**3<sup>rd</sup> Quarter 2002**

**I. Project Description**

This project adds a washeteria and wastewater disposal system to the Community's water treatment plant. A structural addition will be constructed on the water plant to house the washeteria. Mechanical and electrical modifications will be made to the existing building to accommodate the addition. A septic tank and drainfield will be installed to dispose of wastewater from the washeteria. This project is being executed under a design/build format by the Sleetmute Village Council's force account construction program. CE2 Engineers is providing design engineering and construction management assistance to the Council.

**II. Work Completed During the Quarter (July, August, September 2002)**

- Notice to proceed was issued by VSW in early July 2002.
- The building floor plan was refined and preliminary design drawings (65%) were prepared – enough to order all carpentry items necessary for the building addition.
- Foundation materials, building panels, flooring and roofing materials, windows and doors, etc. were procured along with materials to construct the septic tank and drainfield.
- Permission was received from The Kuskokwim Corporation (TKC) to investigate a drainfield site on its lands adjacent to the water plant/washeteria parcel.
- The materials identified above were barged to Sleetmute in late September along with a hydraulic excavator purchased by another project. Upon arrival in Sleetmute the excavator was used to obtain design information for the drainfield.

- Application was made to lease lands for the drainfield site from TKC. Final site control is anticipated on October 15, 2002.
- The drainfield design is 95% complete and will be submitted to ADEC for approval to construct in early October.
- Design is proceeding on the building mechanical and electrical system improvements.
- Construction of the building addition is scheduled to begin in the second week of October as soon as the excavator can be released from the clinic pad construction project.

### III. Project Schedules

The project schedule follows:

<b>Activity:</b>	<b>Completion Date:</b>
Notice to Proceed	July 8, 2002
Complete 65% Design	July 25, 2000
Procure Structural and Drainfield Materials	August 8, 2002
Barge Structural, Carpentry and Drainfield Materials to Sleetmute	September 20, 2002
Obtain Percolation Tests for Drainfield Design	September 26, 2002
Complete Drainfield Design	October 10, 2002
Begin Constructing Building Addition	October 10, 2002
Obtain Site Control for Drainfield Construction	October 15, 2002
Obtain ADEC Approval to Construct the Drainfield	October 21, 2002
Begin Drainfield Construction	October 21, 2002
Complete Drainfield Construction	November 2, 2002
Complete Building Plans Including Mechanical and Electrical Drawings	November 8, 2002
"Close in" the Building Addition	November 27, 2002
Procure Mechanical and Electrical Materials and Equipment	November 27, 2002
Air Freight Mechanical and Electrical Materials to Sleetmute	December 2, 2002
Construct Mechanical Improvements	December 20, 2002
Holiday Break	December 20, 2002 to January 6, 2003
Complete Mechanical Modifications and Construct Electrical Improvements	February 14, 2003
Final Inspection	March 1, 2003
Punchlist and Startup	March 15, 2003

This project is currently on schedule.

#### IV. BUDGET ANALYSIS

Capital Budget Category	Denali Commission Fund Request	Total Funds	Expenditures through 9/30/02	Percent of Budget Spend to Date	Estimated Cost to Complete	Projected Cost at Completion	Projected <Over> Under Budget
Design	\$30,000	\$30,000	\$15,057	50.2%	\$14,943	\$30,000	-0-
Materials	110,000	110,000	62,542	56.9%	47,458	110,000	-0-
Equipment	40,000	40,000	32,897	82%	7,103	40,000	-0-
Labor	68,000	68,000	0	0%	68,000	68,000	-0-
Freight	30,000	30,000	20,264	67.5%	9,736	30,000	-0-
Project Management	41,000	41,000	12,253	29.9%	28,747	41,000	-0-
Administration	14,000	14,000	0	0%	14,000	14,000	-0-
Other	0	0	0	0%	0	0	-0-
Contingency	27,000	27,000	0	0%	27,000	27,000	-0-
<b>Totals</b>	<b>\$360,000</b>	<b>\$360,000</b>	<b>\$143,013</b>	<b>40%</b>	<b>\$216,987</b>	<b>\$360,000</b>	<b>N/A</b>

Total Authorized Project Budget: \$420,000

Denali Commission Funds Committed: \$360,000

Sleetmute Feasibility Study Project  
Budget

9/30/02

Categories	Job #1 Mapping Training Pre-design	Job #2 CE2 Contract Study & Design	Job #3 Bookkeeping Improvement Contract Altman Rogers	Job #4 CE2 - C.A. #1 Design & CM Water Plant & Phase 1 Water*	Job #5 Force Account Construct Water plant & Phase 1 Water*	Denali Commission Jobs		Job 8 Force Account Construct Plumbing & Services \$500,000	Total
						Job #6 CE2 -C.A. #1 Design & CM washeteria & Drainfield	Job 7 Force Account Construct washeteria & drainfield		
Labor (LAB)	\$852.94				\$300,000		\$68,000		\$368,853
Foreman (FOR)				\$270,000					\$270,000
Material (MAT)					\$390,000		\$110,000		\$500,000
Freight (FRT)	\$45.00				\$175,000		\$30,000		\$205,045
Engineering (ENG)	\$201.84	\$67,000.00		\$60,000		\$30,000			\$157,202
Procurement & C.M. (PCM)				\$158,000		\$41,000			\$199,000
Contract & Sub. (CON)	\$4,400.00								\$4,400
Equip. Purchase (EQP)					\$280,000		\$40,000		\$320,000
Equip. Rental (EQR)									\$0
Administration (ADM)				\$40,000		\$14,000			\$54,000
Training (TRN)	\$80.00				\$10,000				\$10,080
Fuel & Lubricants (FUL)					\$12,000				\$12,000
Operations & Support (SUP)	\$3,780.23	\$12,000.00	\$6,000	\$20,000	\$9,800				\$51,580
Misc A -- Aerial Photography	\$7,350.00								\$7,350
Misc B - Surveying	\$11,130.00								\$11,130
Misc C - Utility Managmt Training	\$10,196.33								\$10,196
Misc D - CE2 Subcontractors		\$9,000.00							\$9,000
Misc E - Technical Services		\$22,000.00							\$22,000
Misc F - Bookkeeping Training			\$24,000						\$24,000
Misc G - Water tank					\$70,000				\$70,000
Misc H -									\$0
Misc I -									\$0
Contingency (CYA)							\$27,000		\$27,000
Total	\$38,036.34	\$110,000.00	\$30,000.00	\$548,000.00	\$1,246,800.00	\$85,000.00	\$275,000.00		\$2,332,836

\$178,036

**CLOSE**

\*includes well,  
wst, and on-site  
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Funding Source	Job #1	Job #2	Job #3	Job #4	Job #5	Job #6	Job #7	Job #8		Un-requested Funds		
										balance	Requested	Funds Available
SB 107 (\$87,500)	\$19,018.17	\$53,481.83	\$15,000.00						\$87,500	0	87500	87,500
EPA 97 (\$87,500)	\$19,018.17	\$53,481.83	\$15,000.00						\$87,500	0	87500	87500
Denali Commission funding						\$85,000.00	\$275,000.00		\$360,000	230,000	130000	360000
USDA - RD, FY 03 (\$1,346,100)		\$1,518.17		\$411,000.00	\$935,100.00				\$1,347,618	1,158,600	187500	1346100
SOA funds FY 03 (\$448,700)		\$1,518.17		\$137,000.00	\$311,700.00				\$450,218	386,200	62500	448700
SDS Funds FY04 (\$500,000)								\$500,000.00	\$500,000	500,000	0	500000
Total	\$38,036.34	\$110,000.00	\$30,000	\$548,000	\$1,246,800	\$85,000	\$275,000		\$2,832,836			

**CLOSE**